

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/00966

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C10L1/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	FR 2 830 259 A (TOTAL RAFFINAGE DISTRIBUTION) 4 April 2003 (2003-04-04) the whole document ----	1-17
Y	US 2 409 156 A (ALDEN RICHARD C ET AL) 8 October 1946 (1946-10-08) column 1, line 1 - line 22 column 6, line 31 - line 42; claims 1,2 ----	1-15
Y	US 3 644 196 A (LAWSON SHELBY D) 22 February 1972 (1972-02-22) column 1, line 1 - line 39 ----	1-15
A	US 6 207 040 B1 (AMADEI ROBERTO) 27 March 2001 (2001-03-27) the whole document ----- -/--	1-17

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

5 December 2003

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16/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 337 026 A (UOP INC) 18 October 1989 (1989-10-18) the whole document -----	1-17

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2830259	A	04-04-2003	FR 2830259 A1	04-04-2003
US 2409156	A	08-10-1946	NONE	
US 3644196	A	22-02-1972	NONE	
US 6207040	B1	27-03-2001	IT 1275611 B1	05-09-1997
			AU 4011597 A	10-02-1998
			DE 69720466 D1	08-05-2003
			EP 0914405 A1	12-05-1999
			WO 9803613 A1	29-01-1998
EP 0337026	A	18-10-1989	US 4747933 A	31-05-1988
			EP 0337026 A1	18-10-1989
			ES 2043814 T3	01-01-1994